

## **REMARKS**

Claims 1-228 are now pending in the application. Claims 13-38, 51-76, 89-114, 127-152, 165-190, and 203-228 are allowed. Claims 2, 6, 10, 40, 44, 48, 52, 56, 60, 78, 82, 116, 120, 124, 154, 158, 162, 192, 196 and 200 were indicated as allowable. Claims 1, 3-5, 7-9, 11, 12, 39, 41-43, 45-47, 49, 50, 77, 79-81, 83-85, 87, 88, 115, 117,-119, 121-123, 125, 126, 153, 155-157, 159-161, 163, 164, 191, 193-199, 201 and 202 are rejected. The Examiner is respectfully requested to reconsider and withdraw the rejections in view of the amendments and remarks contained herein.

With respect to Claim 1 as **originally** filed, AAPA uses **SNR** as a determinant in the selection of which antenna should be employed and does not disclose a DSSS modulator.

The Examiner also admits that Liu does not disclose or suggest the features of a *DSSS demodulator*. Liu also does not disclose measuring signal quality values corresponding to each of the first and second antennas for each data packet **after correlation with the DSSS spreading code** and to select one of the first and second antennas on the basis of the measured signal quality values.

While Sarinnapakorn may mention DSSS, Sarinnapakorn is silent with respect to any other aspects of Claim 1 such as using measuring signal quality values corresponding to each of the first and second antennas for each data packet **after correlation with the DSSS spreading code** and to select one of the first and second antennas on the basis of the measured signal quality values. Original Claim 1 is allowable for at least these reasons.

While Applicants do not agree with the Examiner's current rejection these claims, Applicants have cancelled and/or amended some of these claims in the interest of expediting prosecution. Applicants reserve the right to pursue these claims as originally filed in one or more continuing applications.

#### **ALLOWABLE SUBJECT MATTER**

The Examiner states that claims 13-38, 51-76, 89-114, 127-152, 165-190, and 203-228 are allowed. Claims 2, 6, 10, 40, 44, 48, 52, 56, 60, 78, 82, 116, 120, 124, 154, 158, 162, 192, 196 and 200 would be allowable if rewritten in independent form.

Accordingly, Applicants have amended claims 1, 5, 39, 43, 77, 81, 115, 119, 153, 157, 191 and 195 to include the limitations of allowable Claims 2, 6, 40, 44, 78, 82, 116, 120, 154, 158, 192, and 196, respectively. Claims 9, 47, 85, 123, 161, and 199 were amended to include the limitations of Claims 10, 48, 86, 124, 162 and 200 and independent Claims 1, 39, 77, 115, 153 and 191, respectively. Applicants note that some of the claims were amended to recite "the signal quality values are computed in accordance with" rather than "the signal quality values are computed as follows." Furthermore, when rewriting Claims 9, 47, 85, 123, 161, and 199 into independent form, the limitations of Claims 8, 46, 84, 122, 161 and 198 were omitted since they were redundant with respect to the limitations already present in Claims 9, 47, 85, 123, 161, and 199. Claims 2, 6, 10, 40, 44, 48, 52, 56, 60, 78, 82, 116, 120, 124, 154, 158, 162, 192, 196 and 200 were cancelled without prejudice.

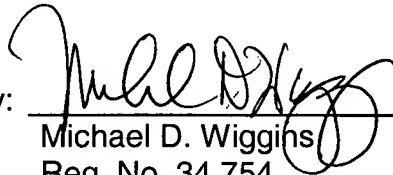
Therefore, Claims 1, 3-5, 7-9, 11-39, 41-43, 45-47, 49-51, 53-55, 57-59, 61-77, 79-81, 83-115, 117-119, 121-123, 125-153, 155-157, 159-161, 163-191, 193-195, 197-199 and 201-228 are now allowable or allowed.

#### **CONCLUSION**

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action and the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

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